

80/565493

IP3 Rec'd PCT/PTO 20 JAN 2006 PCT

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Docket No.: F-8912
Filing Date: January 20, 2006

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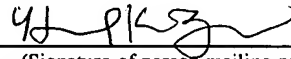
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☐ ATTN: BOX PATENT APPLICATION

☐ ATTN: BOX DESIGN PATENT APPLICATION

☒ ATTN: BOX PCT

☐ ATTN: BOX PROVISIONAL PATENT APPLICATION

☒ THIS IS THE 35 U.S.C 371 NATIONAL STAGE OF PCT/JP2004/010313 FILED

July 20, 2004

Sir:

Transmitted herewith for filing is the ☒ Utility ☐ Design ☒ nonprovisional ☐ provisional patent application of:

Inventor / Application Identifier: Toshio TAKEHARA, et al.

☐ See Inventor Information Sheet attached

For: **THERMOSYPHON DEVICE, COOLING AND HEATING DEVICE AND METHOD**

USING THE THERMOSYPHON DEVICE, AND PLANT CULTIVATING METHOD USING THE THERMOSYPHON DEVICE

- ☐ This is a new patent application.
- ☒ This is the 35 U.S.C. 371 National Stage Application of the above-identified PCT Application.
- ☐ This is a provisional patent application.
- ☐ This is a: ☐ Continuation Application
☐ Divisional Application
☐ Continuation-in-Part Application
of prior Application Serial No. _.
- ☐ Cancel in this application original claims ___ of the prior application before calculating the filing fee.
- ☐ Amend the specification by inserting before the first line the sentence:
-- This is a ☐ Continuation, ☐ Divisional, ☐ Continuation-in-part, of Application
- ☐ Incorporation By Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

ENCLOSED ARE THE FOLLOWING:		
X	5	Sheets of drawings ([X] formal [] informal size A4).
X	42	Pages of specification including abstract and claims.
X	47	Total pages.
X	Combined Declaration and Power of Attorney	
	X	Newly executed
		Copy from prior application
		Inventors deleted; see attached statement
	Sequence Listing	
		Computer Readable Copy
		Paper copy
		Statement verifying identity of above copies

IAP20 Rec'd DESPTD 20 JAN 2006

X	Return Receipt Postcard
X	Preliminary Amendment
X	Assignment to: Chikara Takehara
	Assignment is of record in prior application Serial No._.
X	Assignment Recordation Form Cover Sheet.
X	Information Disclosure Statement
X	Information Disclosure Citation
	MPEP § 2001.06(b) states that in a Continuation application, a Divisional application, or a Continuation-in-Part application, "the examiner will consider the prior art cited in the earlier application" and indicate in the first Office Action whether the prior art in the related earlier application has been reviewed. Accordingly, Applicants respectfully request that the examiner consider the art cited in the parent of this instant application and indicate in the first Office Action that such prior art has been considered.
	English translation
X	Application Data Sheet

10/565493

APPROVED 20 JAN 2006

PRIORITY CLAIMS		
		Applicant hereby claims the benefit of the filing date of the following provisional application(s) under the provision of 35 USC 119.
X		Applicant hereby claims the benefit under the provisions of 35 USC 119 of the filing dates of the following applications as indicated below and which priority applications are hereby incorporated by reference in the present application: Japan Patent Appln. No. 2003-199754, filed July 22, 2003, Priority Claimed of which certified copies thereof
		will follow
		are enclosed
	X	have been filed in the International Bureau
		were filed in prior application:

CLAIMS FILED AND FILING FEE CALCULATION					
ITEM	—			Rate	Applied Fee
<input type="checkbox"/> Basic Fee Utility	—			\$300	
<input type="checkbox"/> Search Fee Utility				\$500	
<input type="checkbox"/> Exam. Fee Utility				\$200	
<input type="checkbox"/> Sheet Fee Utility	Ea. Add'l 50 pgs. over 100 pgs.			\$250	
Small Entity e-Filed Basic Fee Utility: SEE BELOW "Small Entity is Asserted."					
<input checked="" type="checkbox"/> Basic Fee - PCT Nat'l Stage	—			\$300	\$300
<input checked="" type="checkbox"/> Search Fee - PCT Nat'l Stage	37 CFR 1.492(b)(3)			\$400	\$400
<input checked="" type="checkbox"/> Exam. Fee - PCT Nat'l Stage	37 CFR 1.492(c)(2)			\$200	\$200
<input type="checkbox"/> Sheet Fee - PCT Nat'l Stage	Ea. Add'l 50 pgs. over 100 pgs.			\$250	
<input type="checkbox"/> Basic Fee - Design	—			\$200	
<input type="checkbox"/> Search Fee Design				\$100	
<input type="checkbox"/> Exam. Fee Design				\$130	
<input type="checkbox"/> Sheet Fee Design	Ea. Add'l 50 pgs. over 100 pgs.			\$250	
<input type="checkbox"/> Basic Fee - Provisional	—			\$200	
<input type="checkbox"/> Sheet Fee - Provisional	Ea. Add'l 50 pgs. over 100 pgs.			\$250	
Claim Fees	Number Filed	Base Number	Number Extra over Base	—	
Total Claims	6	20	0	\$50	\$0
Independent Claims	2	3	0	\$200	\$0
Multiple Dependent Claim Fee	—			\$360	\$0
<input type="checkbox"/> Small Entity Status is Asserted	Deduct 50% of above fees				(\$0)
<input type="checkbox"/> Basic Fee Utility - e-filed and Small Entity				\$75	
<input type="checkbox"/> Non-English Specification	—			\$130	\$0
TOTAL FILING FEE					\$900

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IAF20 RECEIVED 20 JAN 2006

- [X] Payment of all fees, including the total filing fee in the amount of \$ 900 is by credit card. A form PTO-2038 is attached.
- [X] Please charge to Deposit Account No. 10-1250 any further fees due for filing or during prosecution of this application under: 37 CFR 1.16; 37 CFR 1.17; and 37 CFR 1.492.

JORDAN AND HAMBURG LLP

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Docket No. F-8912

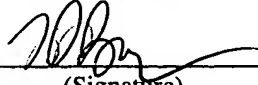
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Toshio TAKEHARA, et al.
Serial No. : (U.S. National Stage of PCT/JP2004/010313
filed July 20, 2004)
Filed : January 20, 2006
For : THERMOSYPHON DEVICE, COOLING AND
HEATING DEVICE AND METHOD USING THE
THERMOSYPHON DEVICE, AND PLANT
CULTIVATING METHOD USING THE
THERMOSYPHON DEVICE
Customer No. : 000028107

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T. David Bomzer
(Name)


(Signature)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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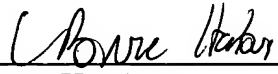
F-8912

Ser. No.


missing or fee payment via the Form PTO-2038 cannot be processed, the USPTO is hereby authorized to charge any fee(s) or fee deficiency or credit any excess payment to Deposit Account No. 10-1250.

Respectfully submitted,

Jordan and Hamburg LLP

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